# BRUHAT BANGALORE MAHANAGARA PALIKE
## EXCECUTIVE ENGINEER DASARAHALLI PROJECT DIVISION

**Name of work: Improvements to Ashwathkatte Near Mallassandra Govt School in Mallasandra Ward No. 13 Shettyhalli Sub Division**

JOB NUMBER.: SI-07 Est. Amount = 15.00 Lakhs

| Sl. No | Description of Work | Unit | No | Dimension L | Dimension B | Dimension D | Quantity | Rate In Rs. | Amount In Rs. |
|---|---|---|---|---|---|---|---|---|---|
| 1 | KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m.after breaking of clods complete as per specifications,specification. No. KBS 2.1(b)/2:3.5 (I.tm No.2.4, P.No.5, SR:2016-17) | | | | | | | | |
| | Ashwatha Katte | | | | | | | | |
| | Wall Basement | Cum | 1 | 21.50 | 1.50 | 1.60 | 51.60 | | |
| | | | | | | Total Qty | 51.60 | 405.64 | 20931.02 |
| 2 | KSRB 4-1.2 : Providing and laying in position plain cement concrete of cum mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (I.tm No.4.2, P.No.12, SR:2016-17) | | | | | | | | |
| | Ashwatha Katte | | | | | | | | |
| | Footing Foundation | | | | | | | | |
| | Wall Basement | Cum | 1 | 21.50 | 1.50 | 0.15 | 4.84 | | |
| | Floor | | 1 | 6.60 | 4.00 | 0.15 | 3.96 | | |
| | Deduction | | | | | Total Qty | 8.80 | | |
| | Trea Girth Area | | 1 | 3.50 | 2.00 | 0.15 | 1.05 | | |
| | | | | | | Total Qty | 7.75 | 5449.68 | 42221.40 |
| 3 | KSRB 4.2.1: Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excludingcost of reinforcement as per specifications.Specification No. KBS Specification No. KBS 4.1,4.64.1,4.6(I.tm No.4.10, P.No.13, SR:2016-17) | | | | | | | | |
| | Ashwatha Katte | | | | | | | | |
| | Footing | Cum | 1 | 21.50 | 1.30 | 0.40 | 11.18 | | |
| | Wall | | 1 | 21.50 | 0.30 | 2.10 | 13.55 | | |
| | | | | | | Total Qty | 24.73 | 6718.68 | 166119.36 |
| 4 | KSRB 2.3: Filling available excavated earth ( excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9 (I.tm No.2.10, P.No.6, SR:2016-17) | | | | | | | | |
| | Ashwatha Katte | | | | | | | | |
| | 50% of Total Earth Excavation | Cum | | | | | 25.80 | | |
| | | | | | | Total Qty | 25.80 | 137.16 | 3538.73 |
| 5 | KSRB 5.2-2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:8, stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (I. No.-5.5, P. No.-23, SR:2016-17) | | | | | | | | |
| | Ashwatha Katte | | | | | | | | |
| | Steps | Cum | 1 | 1.50 | 1.40 | 0.15 | 0.32 | | |
| | | | 1 | 1.25 | 1.40 | 0.15 | 0.26 | | |
| | | | 1 | 1.00 | 1.40 | 0.15 | 0.21 | | |
| | | | 1 | 0.75 | 1.40 | 0.15 | 0.16 | | |
| | | | 1 | 0.50 | 1.40 | 0.15 | 0.11 | | |
| | | | 1 | 0.25 | 1.40 | 0.15 | 0.05 | | |
| | | | | | | Total Qty | 1.10 | 4359.96 | 4806.86 |



Scanned with CamScanner

| Sl. No | Description of Work | Unit | No | Dimension L | Dimension B | Dimension D | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| | KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (I.tm No.4.28, P.No.15, SR:2016-17) | | | | | | | | |
| | **Ashwatha Katte** | | | | | | | | |
| | Footing | Sqm | 2 | 21.50 | | 0.50 | 21.50 | | |
| | Wall | | 2 | 21.50 | | 2.20 | 94.60 | | |
| | | | | | | **Total Qty** | **116.10** | **249.48** | **28964.63** |
| 7 | KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 TMT bars Fe 500 (I.tm No.4.46.2, P.No.17, SR:2016-17) | | | | | | | | |
| | **Ashwatha Katte** | | | | | | | | |
| | **Steel** | | | | | | | | |
| | For One Cum 80Kgs Qty Item No 3 | Tonne | 1 | 1.98 | | | 1.98 | | |
| | | | | | | **Total Qty** | **1.98** | **65455.56** | **129471.10** |
| 8 | KSRRB M300-53. Construction of embankment with approved materia! Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density.MORTH Specification No. 305 (I. No. 19.60, P. No.- 148, SR:2016-17) | | | | | | | | |
| | **Ashwatha Katte** | | | | | | | | |
| | Floor | cum | 1 | 6.00 | 3.40 | 1.50 | 30.60 | | |
| | | | | | | **Total Qty** | **30.60** | **326.16** | **9,980.50** |
| 9 | Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specificationsusing silver grey granite / Multy Red / Ruby Red I Black / Hassan SqmGreen Granite of width not less than 1200mm (I.tm No.14.47.1, P.No.107, SR:2016-17) | | | | | | | | |
| | **Ashwatha Katte** | | | | | | | | |
| | Floor | Sqm | 1 | 6.60 | 4.00 | | 26.40 | | |
| | **Steps** | | | | | | | | |
| | Tread | | 6 | 1.40 | 0.30 | | 2.52 | | |
| | Riser | | 7 | 1.40 | | 0.15 | 1.47 | | |
| | | | | | | **Total Qty** | **30.39** | | |
| | **Deduction** | | | | | | | | |
| | Tree Girth | | 1 | 3.50 | 2.00 | | 7.00 | | |
| | | | | | | **Total Qty** | **7.00** | | |
| | | | | | | **Total Qty** | **23.39** | **2828.52** | **66159.08** |
| 10 | Providing and fixing 20mm thick gang saw water cut LAKARED granite for cladding in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, mortar, labour for all items of work, HOM of equipment etc., complete as per specification. ( I. No.-14.60, P. No.- 109, SR: 2016-17) | | | | | | | | |
| | **Ashwatha Katte** | | | | | | | | |
| | Side wall | Sqm | 1 | 21.50 | 1.00 | | 21.50 | | |
| | Steps Side | | 2 | 0.5*1.5*1.0 | | | 1.50 | | |
| | | | | | | **Total Qty** | **23.00** | **3990.60** | **91783.80** |



Scanned with CamScanner

| Sl. No | Description of Work | Unit | No | Dimension L | Dimension B | Dimension D | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| 11 | Providing and fixing 304 - grade stainless steel hand rails of 14-gauge pipes for Ramps staircase made out of stainless steel hallow pipes, using 50mm dia for verticals @1.60 mtr c/c fixed tot he Vertical pipes 4 - Nos anchor bolts & 40mm dia pipes fixed horizontally for 2-rows top, one pipes fixed with vertical pipes another one fixed with elbows and 25mm dia pipes are fixed horizontally for 2 rows below top measure @ equal intervals including cutting, welding, bending wherever necessary with suitable caps @ tops, bottoms & corners finishing with mat / shining etc., complete including cost and conveyance of all materials, labour for all items ofwork, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work. Ramps or Staircase for physically challenged..(P.No-43 ,I No-7.39. S.R: 2016-17) | | | | | | | | |
| | **Ashwatha Katte** | | | | | | | | |
| | Hand Railing | | | | | | | | |
| | Floor | Sqm | 1 | 21.50 | | 1.00 | 21.50 | | |
| | Steps | | 2 | 1.60 | | 1.00 | 3.20 | | |
| | | | | | | Total Qty | 24.70 | 6286.68 | 155281.00 |
| 12 | Providing full nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification. ( I. No.- 14.55, P. No.- 108, SR : 2016-17) | | | | | | | | |
| | **Ashwatha Katte** | | | | | | | | |
| | Floor | M | 1 | 21.50 | | | 21.50 | | |
| | Steps Treads | | 6 | 1.90 | | | 11.40 | | |
| | | | | | | Total Qty | 32.90 | 257.04 | 8,456.62 |
| | **Bore well** | | | | | | | | |
| 13 | Geophysical investigation of site for sinking borewell for supplying drinking water to the habition either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting vennur or schiumbergers's method, including reconnaissance survey of geological formation, Geological investigation of existing ground water in vicinity, its quality, quantity and acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including trasportation of instruments and accessories to work site, engaging technical personal and labour required etc (P.NO-47, I.NO-9.4, PRED 12-13 SR) | | | | | | | | |
| | | Nos | 1 | | | | 1.00 | | |
| | | | | | | Total Qty | 1.00 | 1882.00 | 1882.00 |
| 14 | Sinking of borewell of 165mm clear using super fast hydraulic rig of capacity 250 PSIG & above 900 MCF & above in all strata including over burden upto 22m, fixing of casing pipes, collars and cap with necessary cutting and threading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables, etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars and cap etc.,) (PRE SR 2012-13, Page No.36, item No.9.1) | | | | | | | | |
| | 0.00 to 50.00 Mtr. | m | 1 | 50.00 | | | 50.00 | 306.00 | 15300.00 |
| | 50.00 to 100.00 Mtr. | | 1 | 50.00 | | | 50.00 | 400.00 | 20000.00 |
| | 100.00 to 150.00 Mtr. | | 1 | 50.00 | | | 50.00 | 445.00 | 22250.00 |
| | 150.00 to 200.00 Mtr. | | 1 | 50.00 | | | 50.00 | 470.00 | 23500.00 |
| | 200.00 to 250.00 Mtr. | | 1 | 50.00 | | | 50.00 | 544.00 | 27200.00 |
| | 250.00 to 300.00 Mtr. | | 1 | 50.00 | | | 50.00 | 583.00 | 29150.00 |



Scanned with CamScanner

| Sl. No | Description of Work | Unit | No | Dimension L | Dimension B | Dimension D | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| 15 | Supply of ISI mark 175mm nominal Bore, Plain end Steel casing pipe grade of steel Fee 410 of wall thickness 5.4mm thick conforming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1378/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mtrs. both ends threads conforming to IS 554/1985, one end fixed with socket confirming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI marking, weighing 25.10kg/mtr. (inclusive of all taxes and duties) Prices include collar medium duty. (PRE SR 2012-13, Page No.ii item No.53 | | | | | | | | |
| | | Rmt | 1 | 32.00 | | | 32.00 | | |
| | | | | | | Total Qty | 32.00 | 1325.00 | 42400.00 |
| 16 | Providing Borewell Collars 175mm dia (Material Component P. No.11/I.55) | | | | | | | | |
| | | Each | 1 | 5.00 | | | 5.00 | | |
| | | | | | | Total Qty | 5.00 | 150.00 | 750.00 |
| 17 | Providing Borewell Cap 175mm Dia (Material Component P. No.11/I.54) | | | | | | | | |
| | | Each | 1 | 1.00 | | | 1.00 | | |
| | | | | | | Total Qty | 1.00 | 100.00 | 100.00 |
| 18 | Supply and delivery of galvanized mild steel tubes heavy class (B-class) conforming to IS 1239-1979 part I/1979 with latest amendments with ISI Mark haeavy duty collar and other end fitted with protective cover 50mm dia.( Material Component Sl No. 509, KPWD SR 2016-17) | | | | | | | | |
| | | Rmt | 1 | 300.00 | | | 300.00 | | |
| | | | | | | Total Qty | 300.00 | 321.00 | 96300.00 |
| 19 | Providing Borewell Collars 50 mm dia ( Material Component) | | | | | | | | |
| | | Each | 1 | 40.00 | | | 40.00 | | |
| | | | | | | Total Qty | 40.00 | 125.00 | 5000.00 |
| 20 | Supplying of Submersible Three Phase Pumpset for borewell of approved make ATLANTA, SUGUNA, C.R.I., KIRLOSKAR and other equivalent pumps. 10 HP /7.5KW 20 stages (Rate List of Materials Sl No. 21 P No. XXXXII, KPWD SR 2016-17) | | | | | | | | |
| | | Each | 1 | 1.00 | | | 1.00 | | |
| | | | | | | Total Qty | 1.00 | 50100.00 | 50100.00 |
| 21 | Erection of pumpset including aligning and balancing with all necessary erection material and labour including supply and errection of two pair of supporting clamps borewell cap, cable clips, GI pipe and transportation GI pipe from Centrla Stores to site 50mm dia GI pipe will be spplied by Departmentally at free of cost | | | | | | | | |
| | | Nos | 1 | 1.00 | | | 1.00 | | |
| | | | | | | Total Qty | 1.00 | 3900.00 | 3900.00 |
| 22 | Supply and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS 8130-1984 and latest amendments of IS 694/1990 and Virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts.1 x 3 x 4 sqmm (P.No 535, I.No 30 (c) Group A BWSSB 2013-14 SR) | | | | | | | | |
| | | Rmt | 1 | 300.00 | | | 300.00 | | |
| | | | | | | Total Qty | 300.00 | 164.29 | 49287.00 |
| 23 | Supplying of LTUG cable having aluminium conductor PVC insulated sheeted galvanized steel wire tape armoured cable with PVC other sheating 101 KV class 4 core 16sqmm.including laying charges (P.No 553, I.No 10 (d) BWSSB SR 2013-14) | | | | | | | | |
| | | Nos | 15 | | | | 15.00 | | |
| | | | | | | Total Qty | 15.00 | 169.95 | 2549.25 |



Scanned with CamScanner

| Sl. No | Description of Work | Unit | No | Dimension L | Dimension B | Dimension D | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| 24 | Supplying & fixing LT Iron pot heads suitable for 1.1KV class UG Cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts and nuts and washers etc., 4 core 16 sqmm. (P.No 555, I.No 16 (b) BWSSB SR 2013-14) | | | | | | | | |
| | | Nos | 1 | | | | 1.00 | | |
| | | | | | | Total Qty | 1.00 | 271.92 | 271.92 |
| 25 | Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. 65mm. (P.No 555, I.No 15 (b) BWSSB SR 2013-14) | | | | | | | | |
| | | Rmt | 1 | 5.00 | | | 5.00 | | |
| | | | | | | Total Qty | 5.00 | 249.26 | 1246.30 |
| 26 | Supplying, fixing, wiring, earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia. 2.90mm thick GI pipe 2.5mtr. long buried in a pit. The Pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 120mm dia. bolt, nuts, washers and checknuts etc., the pipe shall have 16 through of 122mm dia | | | | | | | | |
| | | Nos | 1 | | | | 1.00 | | |
| | | | | | | Total Qty | 1.00 | 1650.00 | 1650.00 |
| 27 | Gun Metal 50mm Non Return Vavle of Horizental type of PWD SR 2016-17 pg no. XXIII Item No. 658 | | | | | | | | |
| | | Each | 1 | 1.00 | | | 1.00 | | |
| | | | | | | Total Qty | 1.00 | 1213.70 | 1213.70 |
| 28 | Supplying and fixing polished wood board made of not less than 15mm thick on both sides with made out of not more than 2 piece and fixing the same to the wall using tapered inverted wooden plugs screws etc., 500 x 500 x 65mm (20'x20'x5") .(P.No 521, I.No 2 (f) BWSSB SR 2013-14) | | | | | | | | |
| | | Each | 1 | 1.00 | | | 1.00 | | |
| | | | | | | Total Qty | 1.00 | 311.58 | 311.58 |
| 29 | Supplying and fixing MCB on existing MCB distribution board using necessary materials and wiring complete as required 32 amps.(P.No 526, I.No 13D (a) BWSSB SR 2013-14) | | | | | | | | |
| | | Each | 1 | 1.00 | | | 1.00 | | |
| | | | | | | Total Qty | 1.00 | 906.40 | 906.40 |
| 30 | Supplying and fixing one of the fuse cut outs having porcelain base approved quality on the existing wooden block and wiring complete 16amps. | | | | | | | | |
| | | Each | 1 | 3.00 | | | 3.00 | | |
| | | | | | | Total Qty | 3.00 | 231.00 | 693.00 |
| 31 | Shunt capacitor conforming to IS 2843, 3 phases 400/400 Volts grade for power factor improvements of rotating machinery. | | | | | | | | |
| | | Each | 1 | 1.00 | | | 1.00 | | |
| | | | | | | Total Qty | 1.00 | 1350.00 | 1350.00 |
| 32 | Fixing of shunt capacitor with necessary clamps bolts and nuts to existing wooden meter boards including banking of more than the capacitor. | | | | | | | | |
| | | Each | 1 | 1.00 | | | 1.00 | | |
| | | | | | | Total Qty | 1.00 | 100.00 | 100.00 |



Scanned with CamScanner

| Sl. No | Description of Work | Unit | No | Dimension L | Dimension B | Dimension D | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| 33 | Servicing the installation by applying to the concerned BECSOM authorities including fixing of energy meter as per the procedure of BESCOM | | | | | | | | |
| | | No.s | 1 | 1.00 | | | 1.00 | | |
| | | | | | | Total Qty | 1.00 | 10000.00 | 10000.00 |
| 34 | 3001 PVC Pipes 10KG/Sqcm 90mm outerdia Page no. XXXI Item No. 902 | | | | | | | | |
| | | M | 1 | 720.00 | | | 720.00 | | |
| | | | | | | Total Qty | 720.00 | 350.00 | 252000.00 |
| | | | | | | | | Total Constrution cost | 13,87,125.23 |
| | | | | | | | | Design Report,Proof Checking & PMC Amount | 27,742.50 |
| | | | | | | | | Tender Premium 6% | 83,227.51 |
| | | | | | | | | Sub Total | 14,98,095.25 |
| | | | | | | | | Miscellaneous & Rounding Off | 1,904.75 |
| | | | | | | | | Grand Total | 15,00,000.00 |

Certificate:-

1. The work spot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for year 2016-17
4. The provisions made in the estimate are necessary and essential.

SRI SAI CONSULTANTS BANGALORE-90

Consultants
For Sri Sai Consultants

Assistant Engineer
BBMP - Bangalore

Assistant Executive Engineer
Dasarahalli Project Division
BBMP - Bangalore

Executive Engineer
Dasrahalli Project Division
BBMP - Bangalore

ನಂ: 36/17-18 ದಿನಾಂಕ: 15/12/2017
ರೂ: 15,00,000/- Fifteen Lakh only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯೋಜನಾ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬಿಬಿಎಂಪಿ.

ನಂ: 02/17-18 ದಿನಾಂಕ: 20/12/2017
ರೂ: 1500000/- fifteen Lac only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯೋಜನಾ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬಿಬಿಎಂಪಿ.



Scanned with CamScanner